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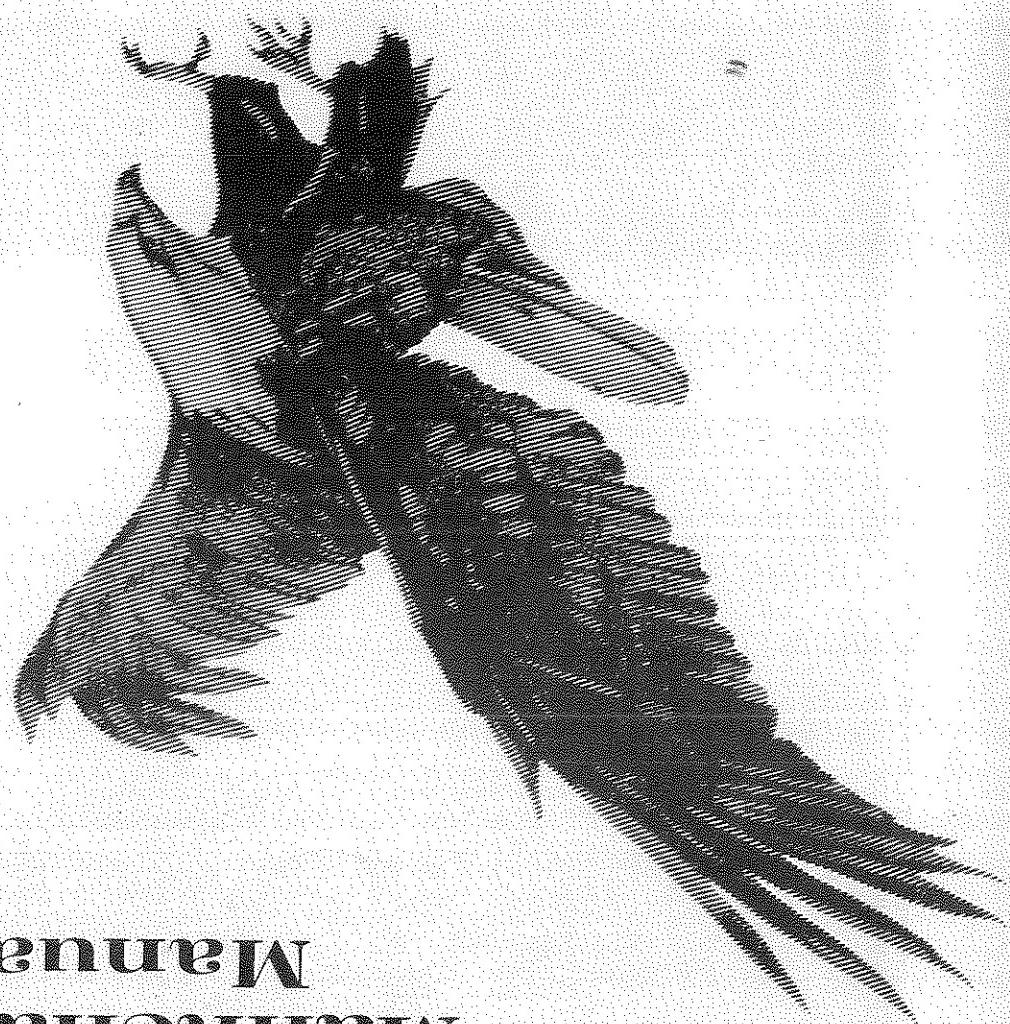
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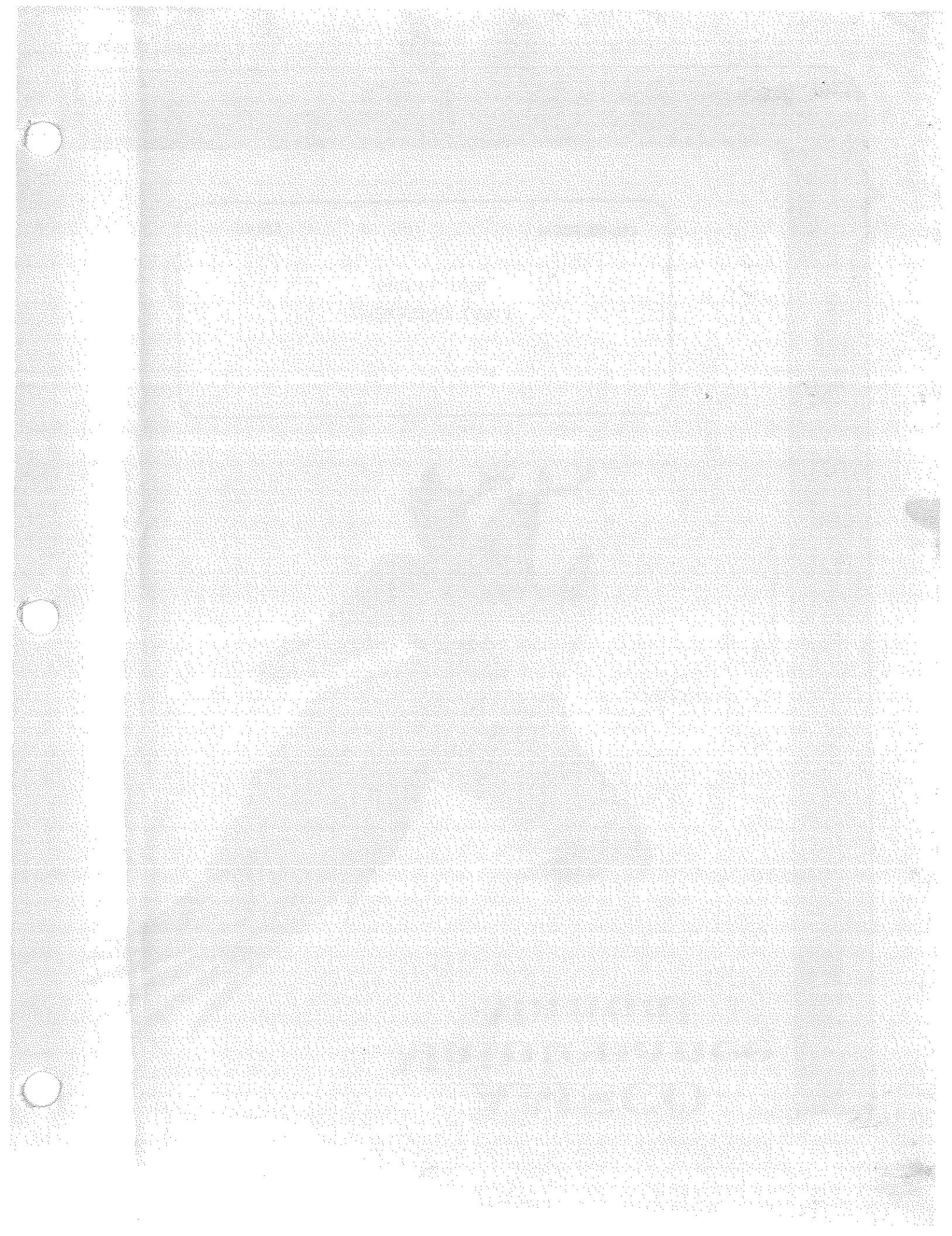
AMSCO Maintenance Manual

P-305208-091

(6/82)

OPERATING TABLE
MODEL 1080





AMSCO - 1979-1982

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(6/82) P-305208-091

OPERATING TABLE
MODEL 1080

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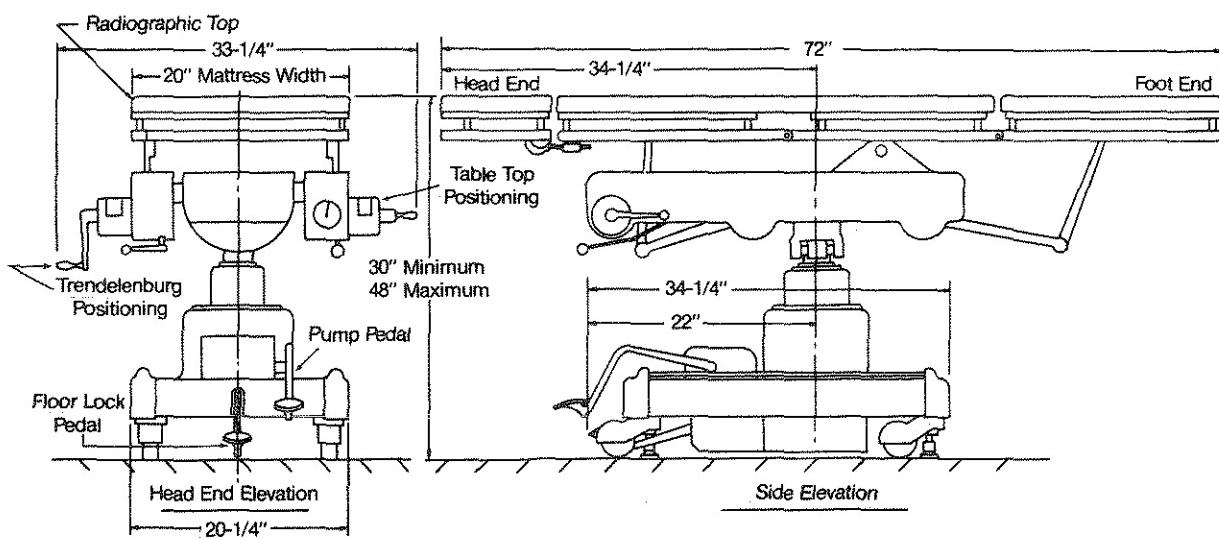
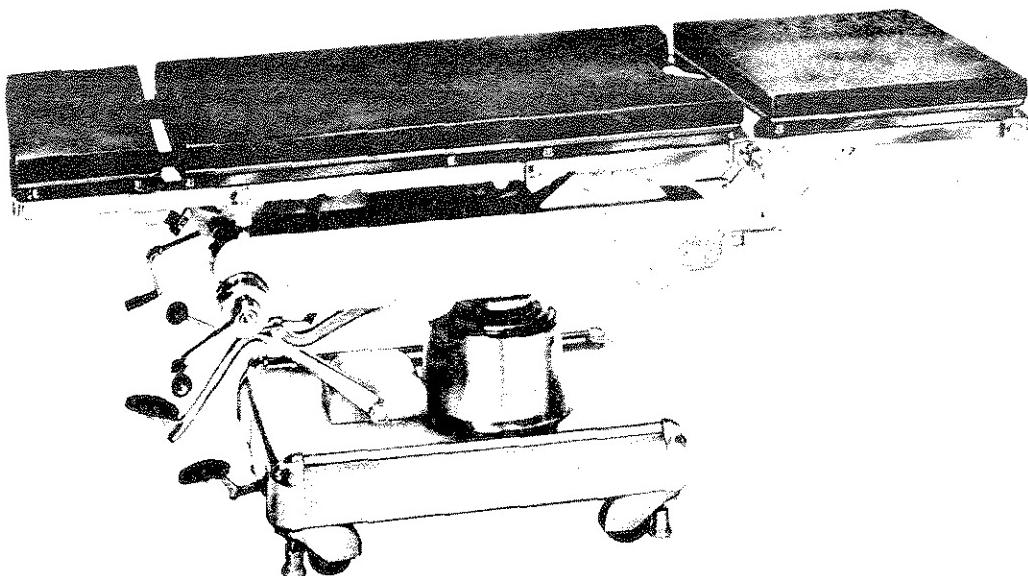
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CHAPTER I

INTRODUCTION

This manual provides information for installation, routine servicing, adjustments, and repair for the Model 1080 Operating Table Manufactured by American Sterilizer Company, Erie, Pennsylvania. A complete illustrated parts list appears at the end of the manual.



Model 1080 Operating Table

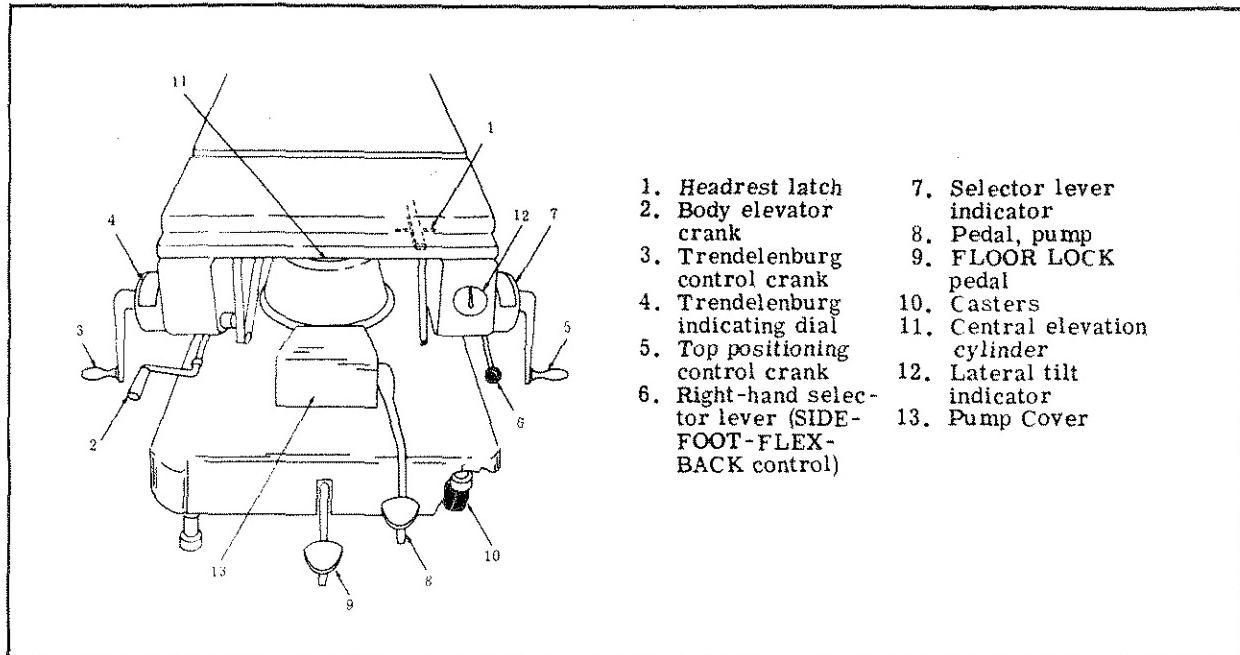


Figure 1

Before placing the table in service fill oil reservoir with the two quarts of oil included in the shipment. Remove the pump cover and pour the oil into the reservoir directly below the pump. Table can now be elevated by operating foot pedal.

The pump is self priming.

When table is elevated for the first time it should be raised to the extreme height, the pumping should be continued for several strokes, this will eliminate the air trapped in the hydraulic pump and assures trouble free operating. If oil is lost or spilled in shipment - S.A.E. No. 50 motor oil is satisfactory oil to use. S.A.E. 40 motor oil can be used if 50 is not available. It is not necessary to change this oil as long as it remains clean and satisfactorily elevates the table.

CHAPTER II

MAINTENANCE

INSPECTION AND ADJUSTMENT

1. Inspect visually for any missing or loose attaching parts that secure the various components of the table. Tighten any loose screws or nuts; replace any missing parts.

2. Floor Lock. Depress FLOOR LOCK pedal (9fig.1) to the bottom and release slowly. This will lock the table to the floor. The locking feet, in immobilizing the table, should exert enough pressure to remove most of the weight from the casters, but not enough to raise the casters from the floor. If the floor is not flat or level, it may be necessary to readjust the locking feet. The proper adjustment is one where each locking foot is unscrewed one turn beyond the point at which it contacts solidly with the floor, with the FOOT pedal in locked position. To mobilize the table again, depress the FLOOR LOCK pedal and release quickly. The speed with which the FOOT pedal is released determines whether or not it will be locked or in a released position.

3. Oil Level. To check the oil level in the reservoir, first remove the pump cover (1, fig. 6). Elevate the table to its extreme height and insert a clean tongue depressor, pencil, or similar instrument, making sure that it touches the bottom of the reservoir. The normal fluid level with the table in this position is 3/4 inch. If it does not measure 3/4 inch, add sufficient oil to restore to this normal level.

4. Table Elevation. Pump the foot pedal to raise the table to its maximum height. The table should rise smoothly, rapidly, and quietly. Depress foot pedal. Table should lower smoothly and quietly to the lowest position. Maximum height is approximately 48 inches including pad, 46 inches without pad. Minimum height is approximately 30 inches with pad, 28 inches without pad.

5. Table Top Positioning. By manipulating the positioning controls, (fig. 1) it should be possible to adjust the table top to any position and articulation within its specified limitations. The positioning of the right-hand selector lever should be easy but positive. The action of the positioning mechanisms should be positive, quiet, and smooth with no jerkiness.

6. Hydraulic Leakage. After table has once been cleaned and ready for operation, there should be no signs of oil leaking from any part of the superstructure or the base.

7. Telescopic Cylinder Adjustment. The adjustment of the elevating cylinders is a precise operation and should be done by a factory serviceman.

The following tools are required to adjust the telescoping cylinders: A table cylinder adjusting wrench (No. 54145), a large screwdriver with an end 7/16" wide, a small screwdriver, a 3/16" Allen wrench, and a 5/32" Allen wrench.

CAUTION

Do not loosen any locking screws or adjusting screws in the elevating cylinders except in the order of procedure as directed in these instructions. When replacing a broken or loose-fitting adjustment screw (18, fig. 2), it is important that never more than one screw be removed at a time. Removing both adjusting screws at the same time releases the guide bar (17, fig. 2), and it will drop down to the bottom of the cylinder.

NOTE

It is important that the above adjustments be taken in the proper sequence. This will assure accurate adjustment of the key in the large cylinder.

- (4) Make the same adjustment to key in pedestal opposite (180°) key adjusted in Item c.
- (3) Make the same adjustment to key in pedestal 90° clockwise from key adjusted in Item c.
- (2). Make the same adjustment to key in pedestal opposite (180°) key adjusted in Item c.

NOTE

It is important that the above adjustments be taken in the proper sequence. This will assure accurate adjustment of the key in the intermediate cylinder.

- (4) Make the same adjustment to key in large cylinder opposite (180°) key adjusted in Item d.

- (4) Make the same adjustment to key in large cylinder 90° clockwise from key adjusted in Item d.

- (2).

- (3) Make the same adjustment to key in large cylinder opposite (180°) key adjusted in Item d.

- (2) Follow the same procedure as described in Item c.) Adjust key in large cylinder 45° counter-clockwise from first key adjusted in pedestal.

- (1) The next step is to adjust each key (17, fig. 2), separately on the large cylinder (16, fig. 2).

- d. Adjust the cylinder as follows:

- a. With the table top level and in a horizontal position, raise the table top to its maximum height.
- b. Remove the four screws (13, fig. 2) that secure the large ring (12, fig. 2), and completely lower the small ring screws (13, fig. 2) that secure the small ring (12, fig. 2) onto the table to its maximum height. Now raise the ring (13, fig. 2) and carry it up with the cylinder. The rings will be carried up with the cylinder. Oil the key ways thoroughly with medium-weight oil.
- c. Adjust the pedestal (22, fig. 2) first. Engage the small ring (12, fig. 2) in slots of the pedestal (22, fig. 2) and screw the small ring (12, fig. 2) onto the pedestal (22, fig. 2) separately.
- d. Adjust each key (17, fig. 2) separately on the pedestal (22, fig. 2) first. Engage the small ring (12, fig. 2) in slots of the pedestal (22, fig. 2) and screw the small ring (12, fig. 2) onto the pedestal (22, fig. 2) separately.

LUBRICATION

1. General. In order to insure the continued satisfactory performance of any piece of precision-built machinery, proper lubrication is necessary. The Model 1080 Operating Table is no exception to this rule. AMSCO recommends that, at six-month intervals, a mechanic go over the entire table and lubricate as follows:

Coat all worms and gears with Lubriplate (753975).

Lubricate all bearings, shafts, and other moving parts with any good grade of medium-weight lubricating oil.

In order to lubricate some of the parts, a certain amount of disassembly of the table is required. All figure references in the procedures below refer to the figures of this manual, which is a complete, illustrated parts list of the Model 1080.

2. Headrest Section. Remove headrest from table and turn upside down as shown in figure 5. Lubricate moving parts with a drop of oil.

3. Lithotomy Legholder and Clamp Assembly. Lubricate the wing screw assembly (8, fig. 4) and the screw (14, fig. 4) with a slight amount of lubricant grease. A very slight amount of lubrication may also be necessary between the aluminum support (9, fig. 4) and the tube and bushing (6, fig. 4). A drop of oil is satisfactory on each of the points of movement of the kidney bridge crank (13, fig. 7) and the body elevator shaft.

4. Table Sections. Refer to figure 3. Lubricate hinge pins (10 and 28).

5. Side Tilt Gearing. Remove cover (50, fig. 3). Lubricate worm gear (47), sector (37), and bevel gear (42) with Lubriplate, and oil the shaft (40) at the bearing. Replace cover (50).

6. Gearbox and Shaft Assembly. Gearbox is lubricated for life and normally requires no lubrication. Proceed as follows only if replacement of parts is necessary. Crank up the kidney bridge assembly to make the stop screws (39, fig. 4) available; remove stop screws and kidney bridge assembly. Remove the two 10/32 setscrews (9, fig. 3) holding the right-hand short hinge pins (10, fig. 3) between back and seat sections, and remove pins. Remove one taper pin (19, fig. 7) from the universal joint (11, fig. 7) on the left side by means of a small pin punch, making sure that you are driving the small end of the pin. It is now necessary to remove the left-hand hinge pin, as was done on the right-hand side; however, when this hinge pin is removed, the back section will drop down and may scar the paint. Precaution should be taken to hold this or provide suitable padding. The kidney bridge is now free to be removed. It can be serviced and replaced. It is important to keep all of the component spacers in their proper location, as each table requires different spacing. By removing the two screws (21 and 22, fig. 7) in the gearbox, the bearings can be unscrewed and the parts can be serviced or greased easily.

CHAPTER III

PARTS BREAKDOWN

Fig. & Index No.	Part No.	Description	Units Per Assy
2-	25350-091	Pedestal Assembly	1
-1	41209-052	Cylinder, Center	1
-2	22876-091	Pin, Stop	1
-3	39538-091	Key	1
-4	22871-061	Screw, Adjusting	2
-5	23431-041	Screw, Socket Hd., No. 6-32 x 3/8 inch	2
-6	N.L.A.	+Cylinder, Intermediate	1
-7	22872-091	Pin, Stop	2
-8	22873-091	Sleeve	2
-9	23420-091	Screw, Stop	1
-10	22436-091	Plug, Nylon	1
-11	4772-045	Screw, Set, 1/4-20 x 1/4 inch	1
-12	22878-057	Ring, Small	1
-13	27746-045	Screw, Stripper	8
-14	3517-091	Washer, Lock, 1/2	2
-15	22867-091	Screw, Stop	2
-16	N.L.A.	+Cylinder, Large	1
-17	39539-091	Bar, Guide	8
-18	39540-061	Screw, Adjusting	16
-19	39541-061	Screw, Cap, 1/4-20 "Unbrake"	16
-20	16849-091	Cylinder, Rubber	3
-21	22877-057	Ring, Large	1
-22	N.L.A.	+Pedestal	1
-23	R6400-140	*Grease, Lubriplate N630-AA (Not Shown)	As Req.

^tThese items are no longer available. Contact AMSCO-Erie for substitutes.

*Apply Lubriplate N630-AA to all verticle grooves of the large and intermediate cylinders and to all bars, holes and screws.

Figure 2. Pedestal Assembly (Stainless Steel Base)

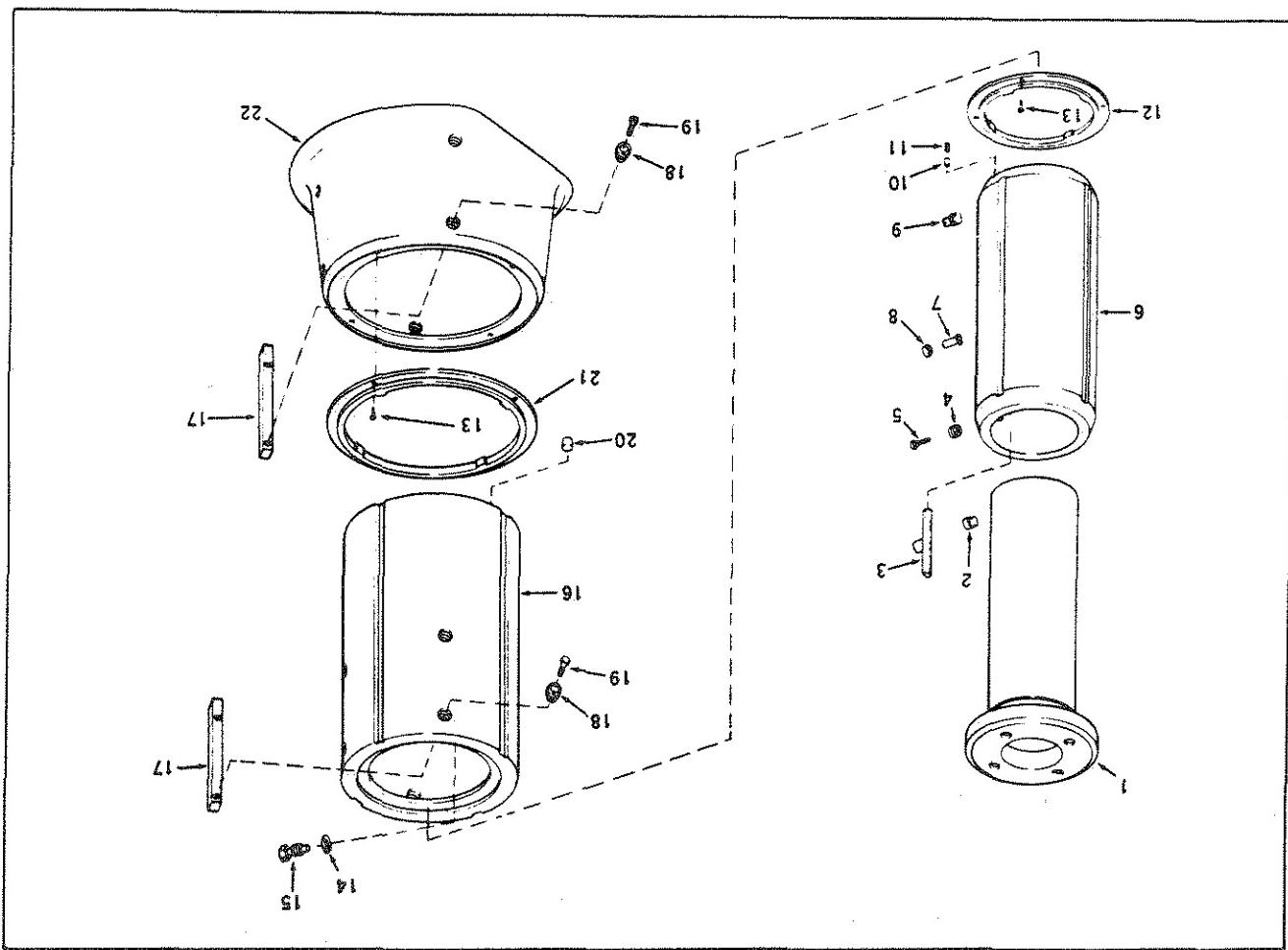


Figure 3. Table Sections and Tilting Mechanism

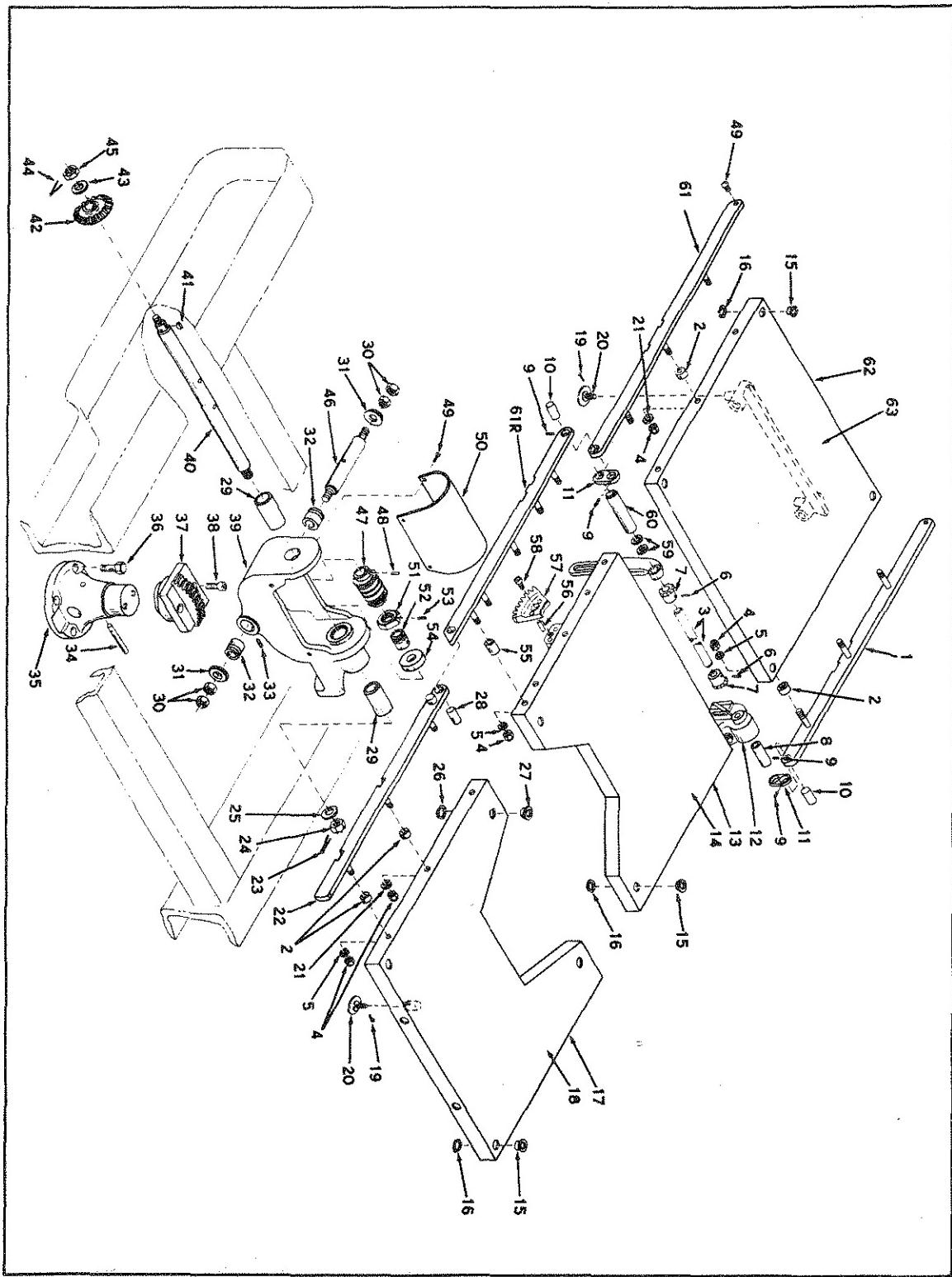


Fig. & Index No.	Part Number	Description	Units per Assy.
3-	45161-063	Table Sections and Tilting Mechanism	1
-1	15111-042	Side Rail, Left hand back section	1
-2	15111-063	Side Rail, Left hand back section	1
-3	43345-063	Spacer, Cross	1
-4	27184-045	Nut, Hug lock	1
-5	19789-041	Washer, Lock	1
-6	24700-061	Pin, Groove	1
-7	15220-045	Gear, Spur	1
-8	25834-091	Spacer, Set	1
-9	52716-091	Gear, Spur	1
-10	11110-063	Pin, Hinge	1
-11	11111-052	Link	1
-12	No. Number	Gearbox and Shaft Assembly (See Fig. 7 for details)	1
-13	N.L.A.	Frame, Seat Section	1
-14	N.L.A.	Cover, Seat Section	1
-15	45925-061	Bushing	1
-16	44909-045	Hinge, Retaining	1
-17	N.L.A.	Frame, Foot section	1
-18	N.L.A.	Cover, Foot section	1
-19	9591-041	Knob Assembly	1
-20	44522-051	Screw, Drive	1
-21	19680-041	Washer, Lock	1
-22(R)	49715-063	Rail, Side, Foot section (RH)	1
-22(L)	49717-063	Rail, Side, Foot section (LH)	1
-23	15277-091	Pin, Cotter	1
-24	16229-091	Nut, Castellated	1
-25	5460-045	Ring, Retaining	1
-26	33233-045	Bushing	1
-27	45926-061	Bushing	1
-28	43337-063	Pin, Hinge	1
-29	16108-091	Bearing, Oiltite	1
-30	16082-041	Nut, Jam	1
-31	16129-048	Washer	1
-32	15973-091	Bushing, Eccentric	1
-33	15736-091	Screw, Set	1
-34	15225-061	Pin, Roll	1
-35	22862-010	Plate, Mounting	1
-36	3861-041	Pin, Side tilt	1
-37	22859-091	Sector, Gear	1
-38	N.L.A.	ScREW, Counterbore, 3-8-16x1 inch	1
-39	N.L.A.	+Yoke	1
-40	16175-091	Shaft, Side tilt	1
-41	16416-091	Key, Woodruff	1
-42	22728-091	Bevel Gear	1
-43	5003-045	Washer	1
-44	3185-091	Pin, Cotter	1
-45	80915-045	+Nut, Castellated	1
-46	16112-091	Pin, Side tilt	1
-47	24952-061	Worm Gear	1
-48	16177-091	Pin, Side tilt	1
-49	15361-042	ScREW, Machine, flat hd, No. 10-32x1/4 inch	1
-50	N.L.A.	+Cover	1
-51	16189-091	Nut	1
-52	16179-091	Screw, Set	1
-53	47728-045	Bearing, Thrust	1
-54	16257-091	Pin	1
-55	43325-042	Spacer	1
-56	16836-041	Worm Gear	1
-57	16290-091	Washer	1
-58	13335-041	Screw, Socket hd, 1/2-13x1 inch	1
-59	16578-045	Washer	1
-60	52715-091	Side Rail, Right hand seat section	1
-61(R)	45162-063	Side Rail, Left hand seat section	1
-61(L)	45000-063	Frame	1
-62	N.L.A.	Side Rail, Left hand seat section	1
-63	N.L.A.	Cover, Back section	1

Fig. & Index No.	Part Number	Description	Units per Assy.
4-	P-56229-001	Back and Footrest Pad, one-inch Thick.....	1
-1	15530-091	Strap, Body Restraint (Sales Item).....	1
-2	27223-091	Tube and Bushing Link.....	2
-5	15518-045	Hook, Snap.....	2
-4	15519-045	Strap, Body Restraint (Sales Item).....	2
-7	26524-056	Screw, Drive.....	2
-8	26528-034	Wing Screw Assembly.....	2
-9	26581-061	Pin, Groove.....	2
-10	26522-061	Screw, Support.....	2
-11	16524-056	Screw, Handle.....	2
-12	16522-061	Screw, Base.....	2
-13	16638-063	Screw, Handle.....	2
-14	14671-063	Screw, Handle.....	2
-15	14669-056	Screw, Handle.....	2
-16	14668-056	Screw, Handle.....	2
-17	53045-056	Screw, Base.....	2
-18	43413-091	Screw, Handle.....	2
-19	14670-056	Post.....	2
-20	P-56228-001	Pad, one-inch Thick (Foot Section).....	2
-21	10570-061	Screw, Machine.....	2
-22	37148-056	Leg.....	2
-23	48301-001	Top Board, Foot Section.....	2
-24	37376-056	Leg.....	2
-25	79770-001	Frame and Cover.....	2
-26	15361-012	Screw, Machine, round hd., No. 10-32x1 4 inch.....	2
-27	15522-056	Knob Assembly.....	2
-28	13612-091	Knob and Socket.....	2
-29	43415-091	Fastener, Hook.....	2
-30	12133-056	Fastener, Hoop.....	2
-31	37463-091	Washer, Spring.....	2
-32	37479-042	Bar, Locking.....	2
-33	23410-068	Strap, Leather.....	2
-34	48305-001	Top Board, Seat Section.....	2
-35	15350-091	Pin, Spring.....	2
-36	23410-042	Screw, Machine, round hd., 1/4-20x3 8 inch.....	2
-37	15324-012	Strap, Leather.....	2
-38	16268-042	Screw, Machine, round hd., 1/4-20x3 4 inch.....	2
-39	3949-042	Rack.....	2
-40	P-22266-063	Bridge Assembly.....	2
-41	16435-041	Kidney Bridge Post, Large.....	2
-42	16436-041	Kidney Bridge Post, Small.....	2
-43	48302-001	Top Board, Back Section.....	2
-44	52047-091	Leg Assembly (Includes items 30 thru 38).....	2

Figure 4. Back and Footrest, Exploded View

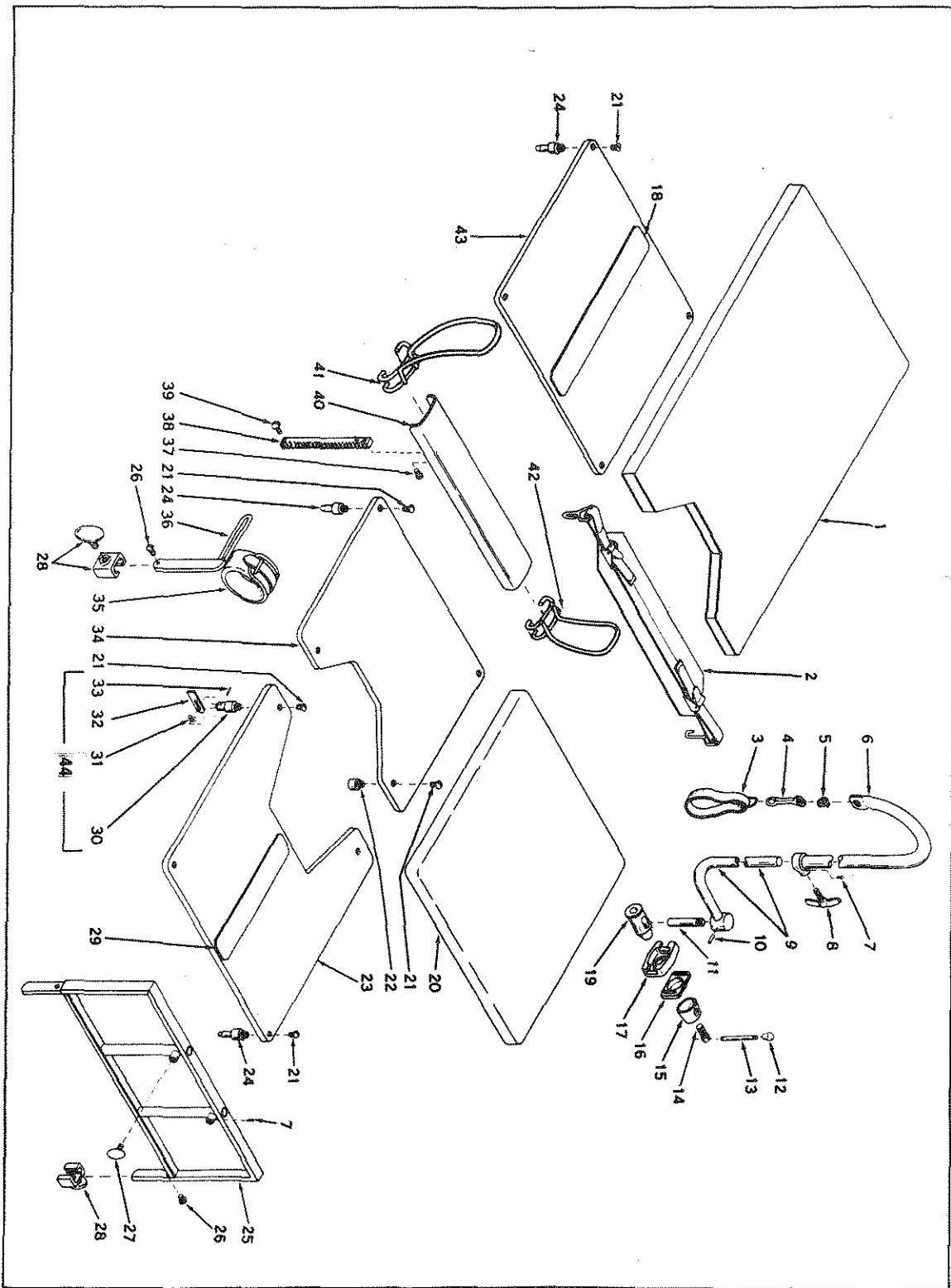


Figure 5. Headrest and Accessories, Exploded View

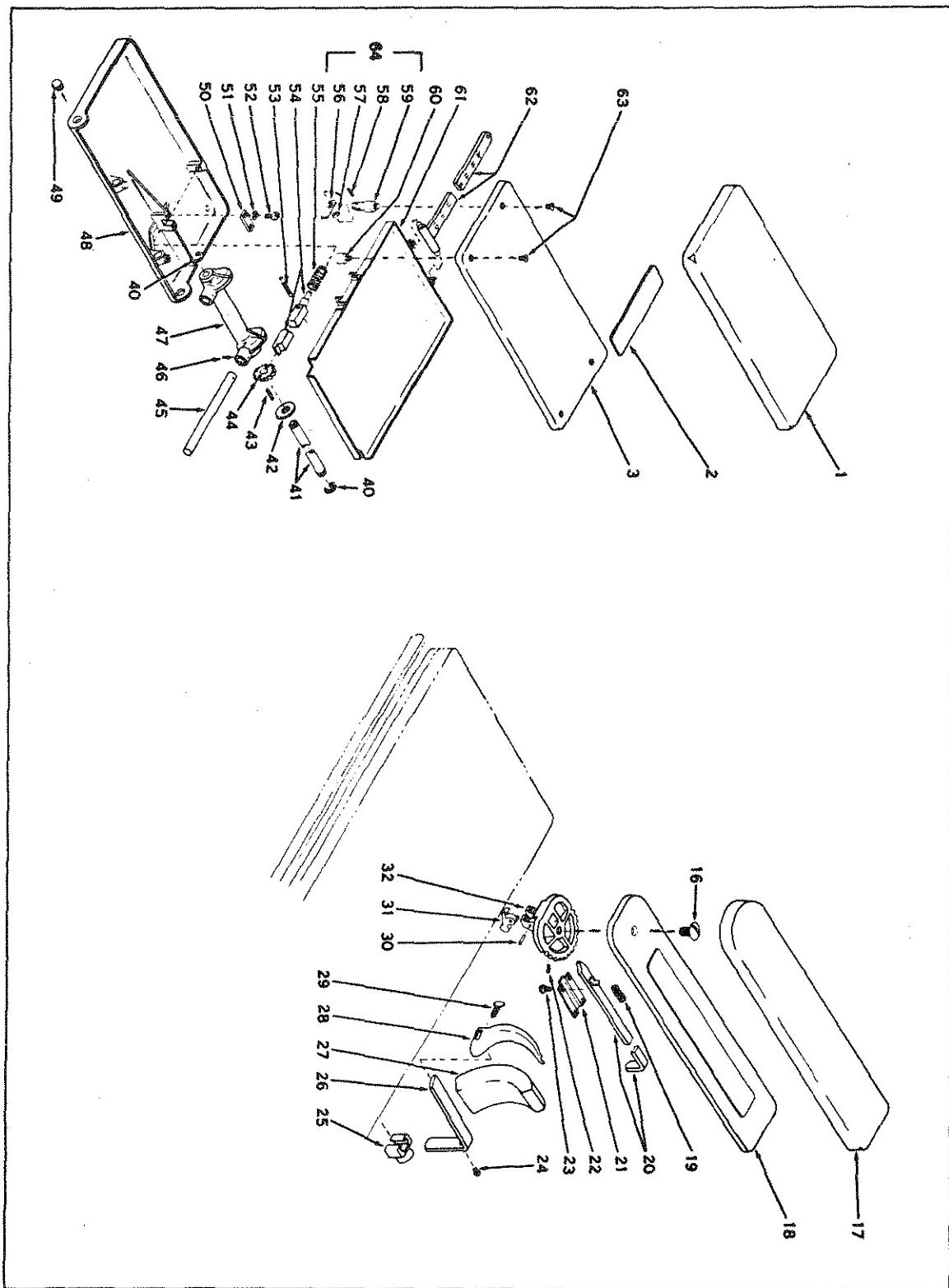
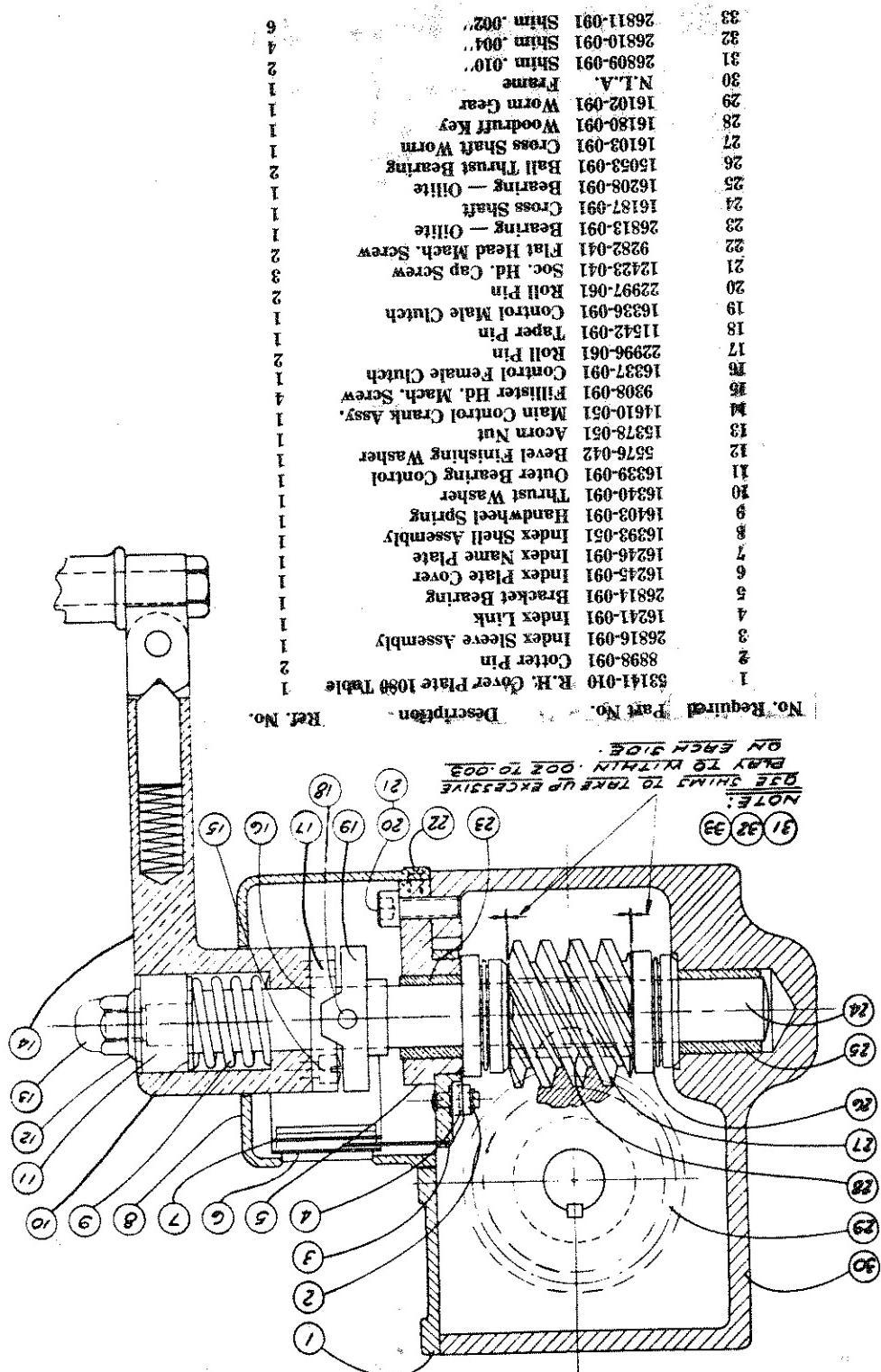


Fig. & Index No.	Part Number	Description	Units per Assy.
5-1	P-56230-001	Headrest and Accessories	1
-2	43412-091	Pad, One-inch Thick	1
-3	P-48303-001	Fastener, Hook	1
-16	26543-096	Top Board, Head Section	1
-17	P-56232-001	Pad, 2-inch Thick Armboard	1
-18	26541-091	Arm Board	1
-19	22118-061	Spring, Compression	1
-20	26544-015	Trip Lever Assembly	1
-21	26546-061	Cover	1
-22	25153-091	Screw, Set, socket hd., 1/4-20 x 7/16 inch	2
-23	12283-041	Screw, Machine, round hd., 10-32 x 1/4 inch	1
-24	13361-042	Screw, Machine, round hd., 10-32 x 1/4 inch	2
-25	43343-091	Knob and Socket Assembly	2
-26	79773-001	Angle	2
-27	18004-091	Pad, Shoulder Rest	2
-28	15916-041	Rest, Shoulder	2
-29	5834-056	Screw, Thumb	2
-30	26134-061	Pin, Drive	1
-31	92646-001	Trigger	1
-32	136011-001	Bracket	1
-40	12730-045	Ring, Retaining	2
-41	42732-091	Rod, Hinge	1
-42	42728-042	Washer	1
-43	22997-061	Pin, Roll	1
-44	42727-042	Ratchet	2
-45	16164-041	Shirt	1
-46	29479-061	Pin, Groove	2
-47	P-42733-001	Support	2
-48	P-132688-001	Headrest (Wide) Assembly	1
-49	21947-056	Button, Plug	2
-50	42731-045	Cap	1
-51	19685-061	Washer, Lock	1
-52	16451-042	Cap, Socket hd., No. 10-32 x 5/8 inch	2
-53	26016-061	Pin, Groove	2
-54	42729-045	Lever, Ratchet	1
-55	26017-061	Pin, Spring	1
-56	37479-042	Bar, Locking	1
-57	37463-091	Spring	1
-58	23449-061	Pin, Spring	2
-59	37478-056	Leg	2
-60	37410-034	Tray	1
-61	37387-063	Leg	2
-62	37410-061	Handle	1
-63	10570-061	Screw, Machine	1
-64	52048-091	Leg Assembly, Locking (Includes items 56 thru 59)	2

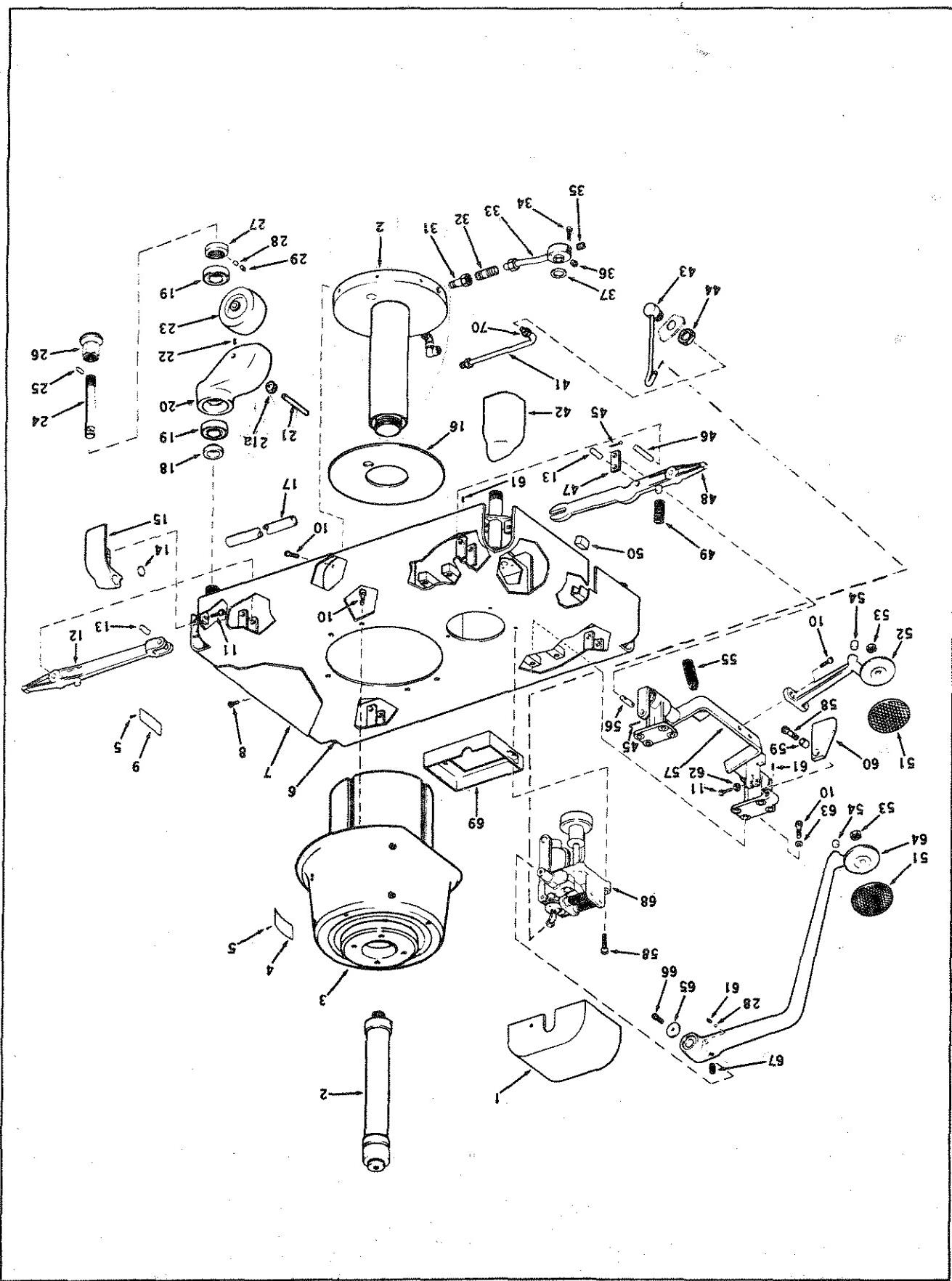


CONTROL END ASSEMBLY FOR MAIN SHAFT

PART NO.	DESCRIPTION	QUANTITY	PART NO.	DESCRIPTION	QUANTITY	USED
2892-061	Pin	2	16257-091	Thrust Bearing	2	
3860-041	Cap Screw	2	16262-061	Ridney Bridge Crank	2	
3902-091	Screw	2	16263-061	Ridney Bridge Shaft	2	
3929-091	Screw	1	16266-063	Lever Arm Pin (Back & Seat Sections)	2	
3941-042	Round Head Screw	2	16268-042	Rack for Ridney Bridge	2	
3961-041	Round Head Screw	1	16272-091	Trendelenburg Worm Gear Sector	8	
3986-041	Round Head Screw	1	16273-041	Tap Pin	1	
4772-045	Setscrew	1	16274-091	Trendelenburg Bearing	1	
7981-091	Handle	1	16284-042	Ridney Bridge Stabilizer	1	
8837-045	Pin	2	16299-061	Bevel Washer (Seat Section)	2	
8897-091	Flat Head Screw	1	16303-032	R.H. Lever Arm (Foot Section)	2	
9282-041	Flat Head Screw	1	16311-061	Cotter Pin	2	
9283-041	Flat Head Screw	1	16318-042	Washer	1	
9306-061	Screw	1	16381-061	Gear Back Cover	4	
12176-041	Socket Head Cap Screw	1	16421-091	Tiltometer Link	2	
12693-045	Socket Head Cap Screw	2	16423-091	Protr Bracket	2	
12727-091	Pin	1	16452-041	Tap Pin	2	
12786-091	Socket Head Cap Screw	2	16473-091	Tiltometer Link	1	
13234-042	Round Head Screw	1	16496-091	Thrust Washer (Foot & Back Section)	2	
13918-045	Handle Stud	1	16568-041	Socket Head Cap Screw	1	
16112-091	Worm (for Side Thr & Trendelenburg)	1	16638-042	Washer	4	
16177-091	Trendelenburg Gear Bracket	1	16683-041	Allen Head Cap Screw	1	
16186-042	Side Thr Adjustment Nut	1	16918-041	Allen Head Cap Screw	1	
16188-091	Side Thr Adjustment Nut	1	19677-041	Allen Head Cap Screw	1	
16189-042	Needle Bearing	2	20200-045	Universal Joint Assembly	2	
16191-042	Needle Bearing	1	22998-061	Ridney Bridge	1	
16192-091	Side Thr Adjustment Nut	1	22998-063	Lockwasher	1	
16194-021	Trendelenburg Shaft	1	23892-091	Elastic Stop Nut	1	
16195-091	Side Thr Adjustment Nut	1	26028-091	Oilite Thrust Washer	1	
16196-042	Adjusting Nut	2	28992-061	Pin Groove (Worm)	1	
16201-091	Oilite Thrust Washer	2	30992-061	Pin Groove	1	
16215-091	Hinge Pin for Section	2	38564-032	Lever Arm for Back Section	2	
16218-061	Shaft for Back & Foot Sections	2	38565-031	L.H. Lever for Back Section	1	
16221-061	Shaft for Back Section	2	38566-031	R.H. Lever for Back Section	1	
16227-061	Shaft for Foot & Back Levers	2	38567-031	Lever Arm for Back Section	2	
16229-091	Castellated Nut (Light)	1	41311-061	Pin, Groove	1	
16234-091	Worm	1	44766-091	Pin, Thrust	2	
16247-091	Worm Gear	1	48328-042	Gear Box	1	

TRENDLENBURG SIDE OF 1080 OPERATING TABLE

Figure 6. Base Assembly



NOTE: Item 2, Lift Cylinder Assembly—Order P-763908-001 for rebuilt lift cylinder assembly.

Fig. & Index	Part No.	Description	Units Per Assy
6-	99683-091	Base Assembly (Stainless Steel)	1
-1	23408-063	Cover Assembly (Stainless Steel)	1
-2	136406-001	Lift Cylinder Assembly (See Note Below)	1
-3	25350-091	Pedestal Assembly (See Fig. 2 for details)	1
-4	14727-091	Plate, Name	1
-5	94188-016	Base Assembly, No. 4 x 1/4 inch	1
-6	97964-010	Screw, Drive, No. 4 x 1/4 inch	1
-7	22826-061	Cover, Base	1
-8	10535-011	Screw, Truss Hd., No. 10-32 x 5/16 inch	1
-9	31821-091	Plate, Name	1
-10	11266-045	Screw, Socket Head, 3/8-16 x 3/4 inch	22
-11	22801-091	Screw, Floor Lock	9
-12	11266-045	Screw, Socket Head, 1/4-20 x 1 inch	9
-13	16735-061	Pin, Toggle Link	2
-14	28186-091	Disc, Rubber	2
-15	23447-056	Bracket, LH.	2
-16	31189-091	Seal, Fen	2
-17	24050-063	Rail, Foot	2
-18	22819-091	Collar, Thrust	2
-19	22803-091	Caster Assembly	2
-20	23421-056	Axle	2
-21	19198-063	Fork	2
-22	10535-011	Washer	2
-23	13801-091	Wheel	2
-24	150204-001	Pin and Foot Assembly (Inc items 24, 25, 26)	2
-25	22822-045	Pin, Floor Lock	1
-26	150201-001	Cylinder, Rubber	1
-27	22818-091	Foot	1
-28	22436-091	Collar, Lock	1
-29	4772-045	Plug, Nylon	1
-30	4772-045	Screw, Set, 1/4-20 x 3/4 inch	1
-31	22887-042	Adapter	1
-32	13668-044	Fitting, 1/2 OD x 3/8 NPT	1
-33	23422-042	Fitting Assembly	1
-34	13102-015	Screw, Socket Head, No. 10-32 x 1 inch	1
-35	20580-042	Plug, Pipe, 1/4 NPT	1
-36	42566-091	Plug, Pipe, 1/8 NPT	1
-37	736179-091	Gasket	1
-38	736179-091	Not Used	1
-39		Not Used	1

Fig. 6	Index No.	Part No.	Description	Units Per Assy
1	-41	23123-091	Tube, Pressure Line	1
2	-42	23446-056	Bracket, R.H.	1
3	-43	22843-091	Filtering Assembly	1
4	-44	3122-045	Nut, Jam, 3/4-10	1
5	-45	3200-091	Pin, Cotter, 1/16 inch x 3/4 inch	1
6	-46	22858-061	Pin, Fllicrum	1
7	-47	22868-045	Link, Toggle	1
8	-48	22802-091	Link, Floor Lock	1
9	-49	21047-091	Spring	1
10	-50	23143-091	Bumper	1
11	-51	6045-091	Pad, Pedal	1
12	-52	22861-052	Pad, Pedal	1
13	-53	3098-045	Pad, Floor Lock	1
14	-54	16849-091	Pad, Bumper	1
15	-55	21048-091	Spring	1
16	-56	25034-061	Pin, Toggle Link	1
17	-57	750130-091	Yoke and Base Assembly (For tables prior to 1964)	1
18	-58	13839-045	Screw, Socket Hd., 3/8-16 x 1-1/4 inch	1
19	-59	22899-091	Bearding, Catch	1
20	-60	22857-045	Catch, Yoke	1
21	-61	10585-041	Screw, Set	1
22	-62	3040-042	Nut, Hex, 1/4-20	1
23	-63	23832-041	Washer, Lock	1
24	-64	59313-052	Pedal, Pump	1
25	-65	2895-052	Washer	1
26	-66	79253-045	Screw, Socket Hd., 1/4-20 x 1/2 inch, Steel	1
27	-67	23418-063	Screw, Pedal Adjustment	1
28	-68	131247-001	Pan, Pump	1
29	-69	23407-061	Fitting	1
30	-70	6785-091	Screw, Pump Cylinder (Not Shown)	1

Fig. & Index No.	Part Number	Description	Units per Assy.
7-	No Number	Gearbox and Shaft Assembly	
-1	24700-061	Pin, Groove	
-2	16255-012	Bearing, Kidney bridge	
-3	50713-091	Bearing, Thrust	
-4	16247-091	Worm Gear	
-5	53328-042	Gears, Kidney bridge	
-6	16381-061	Covers	
-7	12451-041	Screw, Machine, round hd, No. 12-32x1/4 inch	
-8	16234-091	Worm	
-9	16186-042	Nut, Adjusting	
-10	16227-061	Shaft	
-11	20200-045	Joint, Universal	
-12	16263-061	Shaft	
-13	16262-056	Shaft	
-14	15918-045	Shaft	
-15	7981-091	Handle	
-16	10436-041	Washer, Lock, 1/4 inch	
-17	1036-061	Shaft	
-18	41510-061	Groove	
-19	41511-061	Pin, Taper	
-20	30092-061	Pin, Groove	
-21	3986-041	Screw, Machine, round hd, No. 8-32x1/2 inch	
-22	3967-041	Screw, Machine, round hd, No. 8-32x1/4 inch	

Figure 7. Gearbox and Shaft Assembly, Exploded View

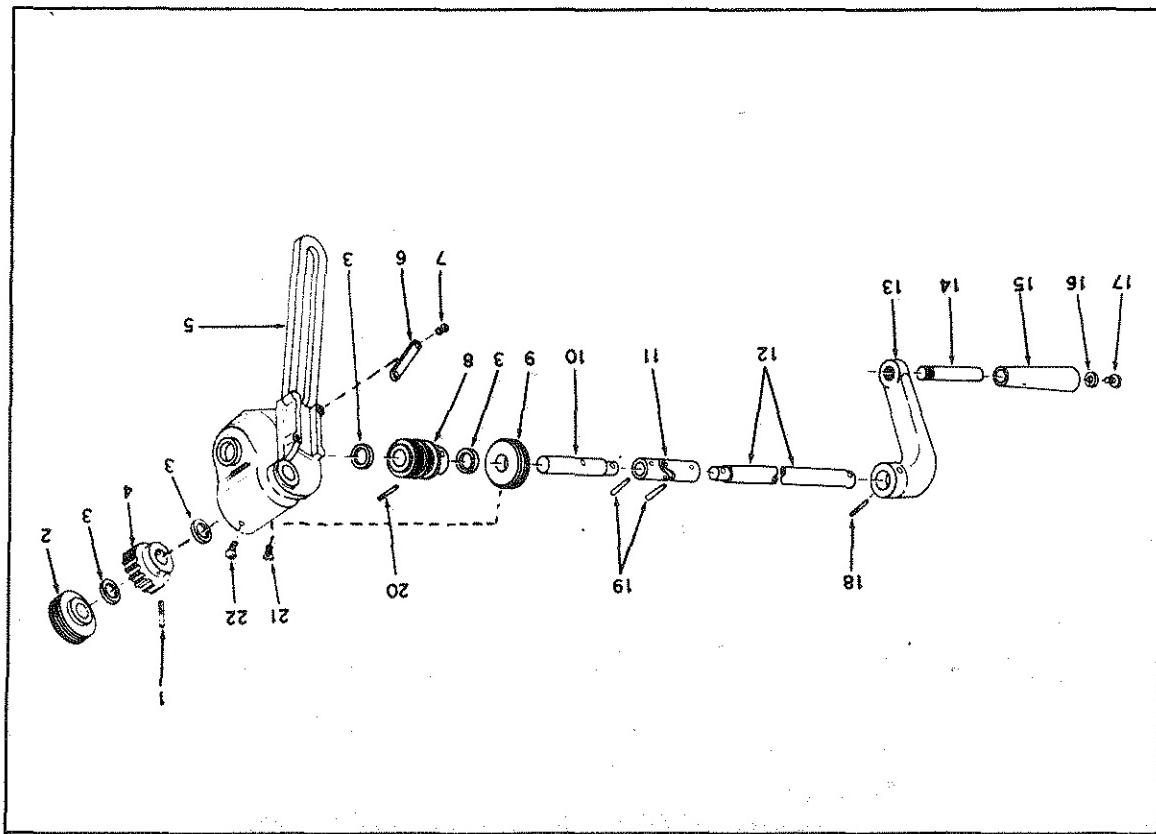


Figure 8. Pump Assembly

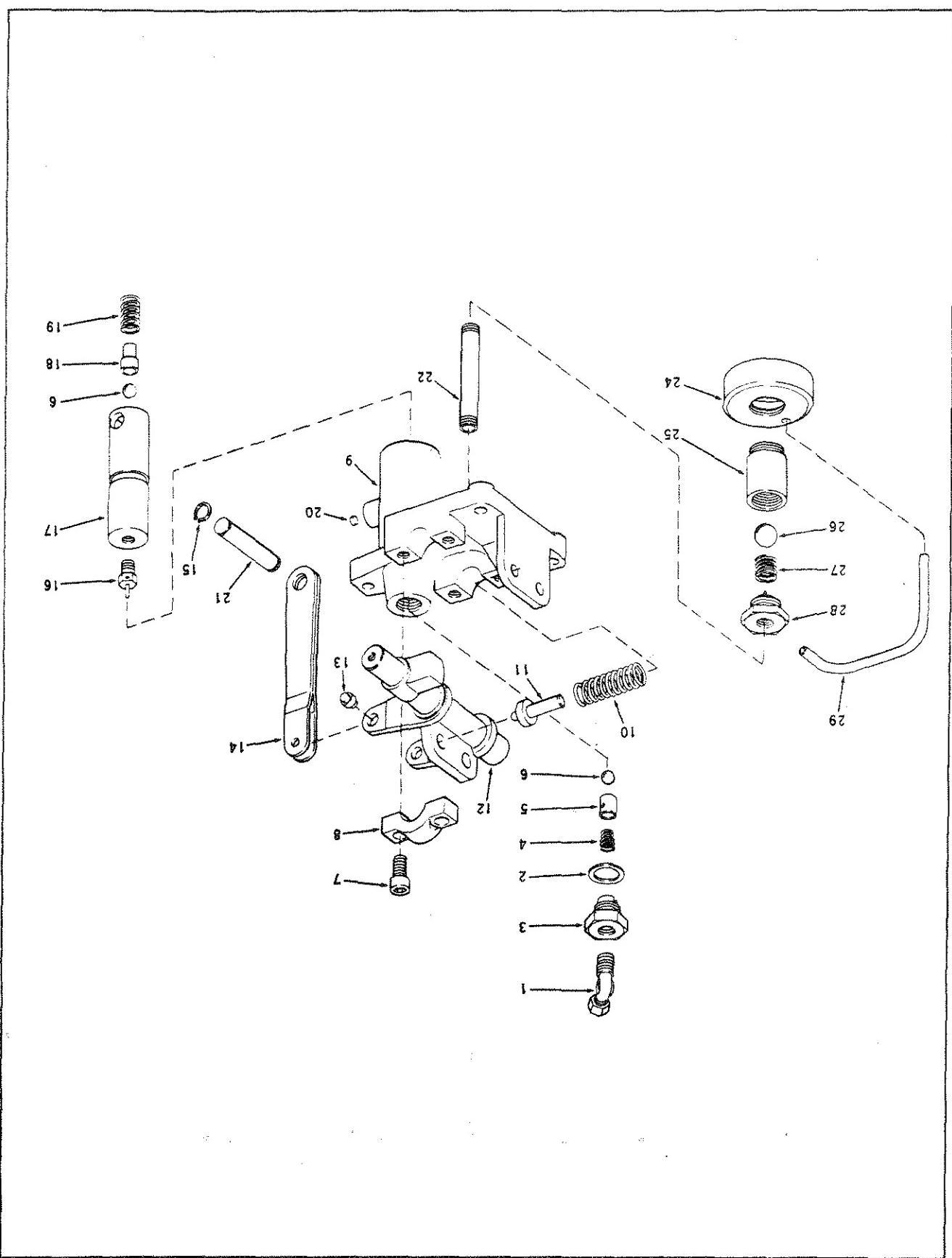
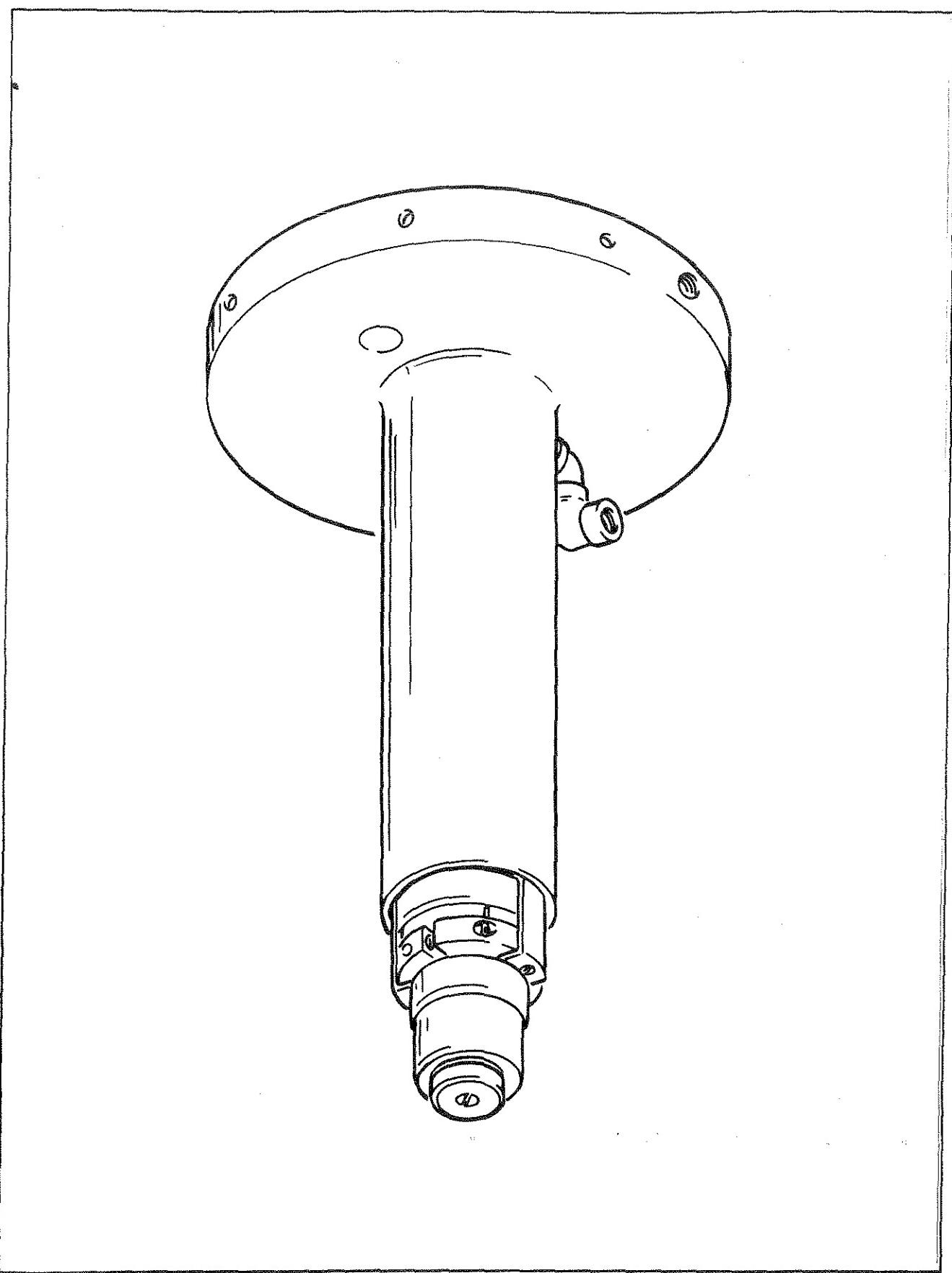


Fig. & Index No.	Part No.	Description	Units Per Assy
8-	131217-001	Pump Assembly	1
-1	6786-091	Connection, Ell, 1/4 inch NPT x 3/8 inch O.D	1
-2	3957-091	Gasket, Copper	1
-3	22896-091	Nut, Ball Retainer	1
-4	22874-091	Spring	1
-5	36698-091	Restrictor, Ball Check	1
-6	12608-091	Ball, 3/8 inch	1
-7	16868-091	Body and Bearing Cap Assembly	1
-8	22893-091	Cap, Bearing	1
-9	22884-091	Body, Pump	1
-10	22895-091	Spring, Pump Lever	1
-11	22894-091	Pin, Shoulder	1
-12	22892-091	Lever, Pump	1
-13	16965-091	Pin, Link	1
-14	22890-091	Link, Assembly	1
-15	12706-045	Ring, Retaining	1
-16	22886-091	Piston, Valve	1
-17	22888-091	Stem, Valve	1
-18	22889-091	Spring	1
-19	22888-091	Seat, Valve	1
-20	22900-091	Pump, Pump	1
-21	22889-091	Pin, Wrist	1
-22	28923-091	Nipple	1
-23	Not used		1
-24	23414-091	Plate, Trainer	1
-25	23416-091	Cage, Intake Ball	1
-26	12610-091	Ball, 5/8 inch	1
-27	12245-091	Spring, Check Valve	1
-28	24053-091	Nut, Assembly	1
-29	22897-091	Tube, Oil Return	1

Figure 9. Lift Cylinder Assembly — Before 2/T8.



NOTE: Individual parts no longer available.

Fig. &	Index No.	Part No.	Description	Units Per Assy	9-	1
		136406-001	New Lift Cylinder Assembly 763908-001 Rebuilt Lift Cylinder Assembly	764257-001 Oil, Solum No. 750		1

RECOMMENDED SPARE PARTS LIST
FOR 1080 OPERATING TABLE

Part No.	Part Name	Quantity
22820-091	Caster - Complete Assembly	4
6045-091	Pad, Foot Pedal	2
13801-091	Wheel, 3-1/4" Conductive	4
150201-001	Foot Floor Lock	4